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T-O-P S-E-C-R-E-T

PWG-D-48/19  
13 September 1966

MEMORANDUM FOR: Director, National Photographic  
Interpretation Center

ATTENTION: [redacted]

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SUBJECT: Readout Requirements for KH-4 Missions

1. Attached is the basic list of targets for Phase 1A/1B OAK readout for KH-4 missions. Henceforth these targets will be identified by an "R" in the column with the R/O heading in the COMOR target listings attached to the PWG-D-32 series. Also the NPIC will be informed of all changes to the readout list as soon as possible after PWG approval.

2. It should be noted that only the individual targets identified for Phase 1A/1B readout need be reported in the OAKs, and the sub-targets [redacted] can be read out in the OAK supplements.

3. The NPIC is requested to continue to read out the roads and rail lines connecting major land targets in South China and the Sino-Indian border area, the seaward approaches to South China ports and naval bases, and significant bonus targets of a military nature in South China.

4. The attachment may be handled via the classification and control systems indicated.

Attachment:  
As stated above

Chairman

COMOR Photo Working Group

Copies: 1, 2 DIA  
3, 4 NSA  
5 OACSI  
6, 7 ONI  
8, 9 USAF  
10, 11 NPIC  
12, 13 NRO  
14 State

[redacted]  
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Group 1  
Excluded from automatic downgrading and declassification. T-O-P S-E-C-R-E-T

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COMOR No.Target NameCoordinates

	Plesetsk ICBM Launch Complex	6254	N - 04038	E
	Yurya ICBM Launch Complex	5904	N - 04917	E
	Verkhnyaya Salda ICBM Launch Complex	5802	N - 06024	E
	Tyuratam Missile Test Range	4538	N - 06317	E
	Yoshkar Ola ICBM Launch Complex	5633	N - 04801	E
	Svobodnyy ICBM Launch Complex	5146	N - 12806	E
	Drovyanaya ICBM Launch Complex	5131	N - 11300	E
	Kostroma ICBM Launch Complex	5746	N - 04101	E
	Itatka ICBM Launch Complex	5650	N - 08535	E
	Shadrinsk ICBM Launch Complex	5608	N - 06340	E
	Omsk ICBM Launch Complex	5504	N - 07331	E
	Perm ICBM Launch Complex	5742	N - 05619	E
	Teykovo ICBM Launch Complex	5652	N - 04034	E
	Tyumen ICBM Launch Complex	5652	N - 06551	E
	Yedrovo ICBM Launch Complex	5751	N - 03340	E
	Gladkaya ICBM Launch Complex	5606	N - 09214	E
	Uzhur ICBM Launch Complex	5517	N - 08949	E
	Novosibirsk ICBM Launch Complex	5515	N - 08259	E
	Kozelsk ICBM Launch Complex	5356	N - 03549	E
	Oloyvannaya ICBM Launch Complex	5049	N - 11550	E
	Zhangiz-Tobe ICBM Launch Complex	4912	N - 08109	E
	Dombarovskiy ICBM Launch Complex	5101	N - 05950	E
	Aleysk ICBM Launch Complex	5228	N - 08242	E
	Kartaly ICBM Launch Complex	5302	N - 06035	E
	Imeni Gastello ICBM Launch Complex	5106	N - 06618	E
	Tatishchevo ICBM Launch Complex	5140	N - 04534	E
	Kapustin Yar/Vladimirovka Missile Test Center	4835	N - 04545	E
	Sary Shagan Missile Test Center	4602	N - 07334	E
	Shuang Cheng Tzu Missile Test Center	4107	N - 10020	E
	Hanoi SAM Area Search	2102	N - 10551	E
	Lao Kay SAM Search Area	2229	N - 10359	E
	Dien Bien Phu SAM Search Area	2123	N - 10301	E
	Vinh SAM Search Area	1840	N - 10540	E
	Hsin Cheng SAM Search Area	2536	N - 11437	E
	Cao Bang SAM Search Area	2240	N - 10615	E
	Dong Hoi SAM Search Area	1729	N - 10636	E
	Nan Yang Suspect Missile Activity	3248	N - 11214	E
	Chih Chin Hsia SAM Search Area	4010	N - 09726	E
	Pao Tou SAM Search Area	4039	N - 10958	E
	Hsing Lung Chuang SAM Search Area	3655	N - 10051	E
	Lan Chou SAM Search Area	3609	N - 10330	E
	Tai Yuan SAM Search Area	3759	N - 11232	E

Group 1

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grading and declassification.

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COMOR No.

Target Name

Moscow Suspect ABM Area  
Moscow Probable ABM Launch Complex E05  
Moscow Probable ABM Launch Complex E33  
Moscow Probable ABM Launch Complex E24  
Moscow Probable ABM Launch Complex E15  
Moscow Probable ABM Launch Complex C30-1 (Suspect ABM)  
Moscow Probable ABM Launch Complex E31  
Moscow SAM Site C28-1 (Suspect ABM)  
Moscow Probable ABM Launch Complex E03  
Moscow Probable ABM Launch Complex E21  
Leningrad Prob Long Range SAM Area  
Leningrad NE Prob Long Range SAM Lch Cplx  
Leningrad NW Prob Long Range SAM Lch Cplx  
Leningrad SW Prob Long Range SAM Lch Cplx  
Tallinn Prob Long Range SAM Lch Cplx  
Cherepovets Prob Long Range SAM Lch Cplx  
Leipaya Prob Long Range SAM Lch Cplx  
Nizhniy Tagil Prob Long Range SAM Lch Cplx  
Nizhnyaya Tura Prob Long Range SAM Lch Cplx  
Sverdlovsk Prob Long Range SAM Lch Cplx  
Kimry Prob Long Range SAM Lch Cplx  
Murashi Prob Long Range SAM Lch Cplx  
Kalinin Prob Long Range SAM Lch Cplx  
Babayevo Prob Long Range SAM Lch Cplx  
Pereslavl-Zaleskiy Prob Long Range SAM Lch Cplx  
Feodosiya Prob Long Range SAM Lch Cplx  
Plesetsk Prob Long Range SAM Lch Cplx  
Mozhaysk Prob Long Range SAM Lch Cplx  
Yu Lin Possible Cruise Missile Site  
Chepelevka Airfield  
Dolon Airfield  
Engels Airfield  
Siauliai Airfield  
Ukraina Airfield  
Baranovichi Airfield  
Minsk/Machulishche Airfield  
Olenegorsk Airfield  
Spassk-Dalniy Airfield, East  
Belya Airfield  
Mozdok Airfield  
Kaliningrad/Proveren Airfield  
Ryazan/Dyagilevo Airfield  
Zhitomir/Skomorokhi Airfield  
Nezhin Airfield

Coordinates

5545 N - 03737 E  
561400N - 0383500E  
562000N - 0364800E  
552100N - 0362905E  
550930N - 0382240E  
555626N - 0365505E  
5607 N - 03629 E  
5549 N - 03652 E  
5622 N - 03811 E  
5504 N - 03710 E  
5955 N - 03020 E  
6006 N - 03044 E  
6027 N - 02944 E  
594312N - 0291810E  
592400N - 0241900E  
590600N - 0381000E  
5633 N - 02111 E  
580610N - 0605350E  
584645N - 0595400E  
5704 N - 06101 E  
564610N - 0372020E  
592810N - 0485040E  
5636 N - 03553 E  
593300N - 0352020E  
5645 N - 03838 E  
450840N - 0354040E  
6312 N - 04109 E  
5538 N - 03548 E  
181145N - 1092830E  
494734N - 0302631E  
503210N - 0791200E  
5129 N - 04611 E  
555340N - 0232300E  
511010N - 1282640E  
530543N - 0260254E  
5346 N - 02734 E  
680910N - 0332730E  
4437 N - 13253 E  
525400N - 1033505E  
434719N - 0443631E  
544608N - 0202500E  
543900N - 0393500E  
501000N - 0284400E  
510530N - 0315235E

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<u>COMOR No.</u>	<u>Target Name</u>	<u>Coordinates</u>
	Gomel/Pribytkiy Airfield	521812N - 0311000E
	Anadyr/Leninka Airfield	644210N - 1774228E
	Alekseyevka Airfield	491500N - 1401400E
	Ussuriysk/Vozdvizhenka Airfield	4355 N - 13156 E
	Tartu Airfield	582405N - 0264615E
	Khorol Airfield East	442700N - 1320800E
	Arkhangelsk/Kholm Airfield	642300N - 0404310E
	Romanovka Airfield, West	431430N - 1321953E
	Saki Airfield	4506 N - 03336 E
	Severomorsk Airfield	690141N - 0332500E
	Petropavlovsk/Yelizovo Airfield	5310 N - 15827 E
	Kipelovo Airfield	5911 N - 03907 E
	An Shun Airfield	2616 N - 10553 E
	An Tung A/F	4001 N - 12417 E
	Chan Chiang Airfield (Ft. Bayard)	2113 N - 11020 E
	Cheng Tu/Wen Chiang A/F	3042 N - 10357 E
	Chung An Airfield	2742 N - 11800 E
	Hai Kou Airfield	2001 N - 11021 E
	Hsi Ning Airfield	3633 N - 10159 E
	Hsin Cheng A/F	2533 N - 11436 E
	Hsing Ning A/F	2409 E - 11545 E
	Kuang Chou/Pai Yun A/F (White Cloud)	2311 N - 11316 E
	Kuei Yang/Lei Chuang Airfield	2625 N - 10632 E
	Lei Yang Airfield	2635 N - 11253 E
	Li Chia Tsun Airfield U/C	2512 N - 11019 E
	Lien Cheng A/F	2540 N - 11645 E
	Ling Shui A/F	1830 N - 10959 E
	Liu Chou A/F	2417 N - 10923 E
	Liu Ho Airfield	4216 N - 12542 E
	Meng Tzu Airfield, West	2324 N - 10319 E
	Shen Yang Airfield, North (Mukden)	4152 N - 12326 E
	Kuang Chou/Fo Shan Airfield	2305 N - 11304 E
	Nan Ning A/F	2249 N - 10820 E
	Fu Chou/Nan Tai Airfield	2600 N - 11919 E
	Pao Shan A/F	2503 N - 09909 E
	Shuang Cheng Tzu Airfield	4021 N - 09947 E
	Shui Kou Airfield (Hui Yang)	2303 N - 11436 E
	Ssu Mao Airfield, North	2247 N - 10058 E
	Sui Chi Airfield (Lei Pei)	2124 N - 11012 E
	An Tung Hsien Airfield	3956 N - 12408 E
	Teng Ao Pao A/F	4106 N - 12251 E
	Wu Hu Primary Airfield	3124 N - 11823 E
	Wu Kung A/F and Aircraft Plant	3417 N - 10815 E

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<u>COMOR No.</u>	<u>Target Name</u>	<u>Coordinates</u>
	Pei Tun Airfield	2527 N - 10043 E
	Yun-Nan-I Airfield	2525 N - 10042 E
	Huai Jen Airfield (Ching Shui Ho)	3944 N - 11310 E
	Haiphong/Cat Bi Airfield	2049 N - 10643 E
	Haiphong/Kien An Airfield	2048 N - 10636 E
	Hanoi/Bac Mai Airfield	205922N - 1055000E
	Hanoi/Gia Lam Airfield	210209N - 1055324E
	Phuc Yen Airfield	2113 N - 10548 E
	Lhasa Tang Hsiung Airfield	3030 N - 09107 E
	Ho Tien Airfield	3702 N - 07952 E
	Lang Son Airfield	2150 N - 1064600E
	Nan Ning Airfield, South	2236 N - 10810 E
	Ka Erh Mu Airfield	3645 N - 09533 E
	Kun Ming Airfield	2459 N - 10244 E
	Swatow Airfield, NE (Shan Tou)	232544N - 1164529E
	Wu Wei Airfield	380200N - 1024400E
	Kep Airfield	2124 N - 10616 E
	Yai Hsien Airfield (San Ya)	181720N - 1092734E
	Irkutsk Southeast Airfield	521555N - 1042334E
	Ning Ming Airfield	2207 N - 10707 E
	Ping Yuan Chieh Airfield	2343 N - 10349 E
	Chia Lai Hsia Airfield	1942 N - 10944 E
	Tien Yang Airfield	2344 N - 10658 E
	Wu Lu Mu Chi Airfield	4400 N - 08708 E
	Ha Mi Airfield 2	4251 N - 09338 E
	Chiu Ho Shih Airfield	421032N - 0871200E
	Yen Bai Suspect Airfield U/C	2144 N - 10452 E
	Hsu Pu Airfield, U/C	275555N - 1103950E
	Son Tay Susp Airfield U/C	2102 N - 10530 E
	Bai Thuong Airfield	1953 N - 10528 E
	Chan Chiang Naval Base (Tsam Kong)	2112 N - 11025 E
	Yu Lin Naval Base	181335N - 1093140E
	Hai Kou Naval Base	200135N - 1101615E
	Shan Tou Naval Base	232120N - 1164023E
	Huang Pu Naval Base	230515N - 1132506E
	Shang Chuang Shan Island Naval Facility	2145 N - 11247 E
	Ching Lan Naval Base	1932 N - 11049 E
	Pei Hai Naval Facility	2129 N - 10906 E

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COMOR No.

Target Name

Coordinates

Hai Men Shipyard (Shan Tou)  
 Haiphong Port Complex  
 Pai Lung Port Facilities  
 Cam Pha Port Facilities  
 Hon Gay Port Facilities  
 Vinh/Ben Thuy Port Facilities  
 Shao Kuan Army Bks Areas (Chu Chiang)  
 Chang Mu Tao Army Barracks, West  
 Chang Ning/Hsin Hsu Army Barracks, N.  
 Chang-Chi Barracks Area  
 Chao An Army Barracks, N.W.  
 Che Chiang Army Barracks, S. E.  
 Che Li Military Activity  
 Che Tien Army Barracks, South  
 Cheng Kung Storage Area  
 Chiang-Cheng Military Installation  
 Chin Pien Mil. Area (Lan Tsang)  
 Chu Ching Military Area  
 Chu Chou Ammunition Depot  
 Chu Hsiung Military Area  
 Fo Hai Army Barracks, South (Meng Hai)  
 Heng Yang Ammo Depot, ENE  
 Heng Yang Munitions Storage Site 1  
 Hsi Meng Prob Mil Installation  
 Hsia Kuan Barracks & Hq 42 Infantry Division  
 Huang Pu Army Supply Depot, E  
 Hui Yang Army Bks West & Ordnance Depot  
 Hui Yang Training Area  
 I'Liang Army Barracks, South No. 1  
 Kai Yuan - Hq 13th Army  
 Kan Chou Army Barracks, S.W. (Kan Hsien)  
 Keng Ma Army Barracks  
 Keng Wei Army Barracks, North  
 Kuan Hu Military Area (Lei Pei)  
 Kuang Chou Military Storage Area  
 Kuang Chou Storage Area, Sha Ho N.W.  
 Kuang Chou Ammunition Depot Shih Pai  
 Kuei Hsien Army Barracks  
 Kuei Lin Army Barracks  
 Kuei Yang Army Barracks, South  
 Kuei Yang Storage Depot  
 Kun Ming General Supply Depot  
 Kun Ming Storage Areas, SE  
 Lei Yang Army Barracks, WSW

231205N - 1163650E  
 2052 N - 10641 E  
 2130 N - 10812 E  
 210129N - 1072238E  
 205704N - 1070430E  
 183852N - 1054239E  
 244230N - 1133630E  
 225355N - 1140138E  
 231401N - 1140300E  
 2343 N - 11652 E  
 234110N - 1163706E  
 264455N - 1123640E  
 2159 N - 10049 E  
 262210N - 1124840E  
 245625N - 1024735E  
 2232 N - 10145 E  
 2235 N - 09959 E  
 2529 N - 10347 E  
 275458N - 1130628E  
 2503 N - 10132 E  
 2158 N - 10028 E  
 265545N - 1124300E  
 2650 N - 11241 E  
 2245 N - 09928 E  
 2536 N - 10012 E  
 2305 N - 11325 E  
 230523N - 1142259E  
 2312 N - 11401 E  
 2454 N - 10309 E  
 2343 N - 10314 E  
 2552 N - 11455 E  
 233202N - 0992500E  
 233505N - 1160900E  
 2128 N - 11020 E  
 231121N - 1131450E  
 2309 N - 11318 E  
 2308 N - 11321 E  
 2307 N - 10938 E  
 251035N - 1101950E  
 263340N - 1064250E  
 2628 N - 10644 E  
 250140N - 1024338E  
 2500 N - 10247 E  
 262415N - 1125015E

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<u>COMOR No.</u>	<u>Target Name</u>	<u>Coordinates</u>
	Lin Tsang Army Bks & Hq 40th Inf Div., N.E.	235335N - 100054OE
	Liu Chou Army Barracks, West	241818N - 1092225E
	Lung Men Ammunition Depot	2355 N - 11415 E
	Lung Yeng Military Activity	2511 N - 11700 E
	Ma Li Po Supply Depot	2307 N - 10443 E
	Man Nai Army Barracks (Meng Hun)	2150 N - 10023 E
	Mang Shih Army Barracks, South (Lu-Hsi)	242247N - 0983325E
	Meng La Army Barracks, West	2128 N - 10134 E
	Meng Pan Mil Camp	2144 N - 10139 E
	Meng Peng Prob Mil Barracks	2127 N - 10118 E
	Meng Tzu Army Barracks, South	2322 N - 10323 E
	Meng Tzu Military Activity	2325 N - 10316 E
	Mi Hu Army Barracks Complex (Chin Ping)	2247 N - 10314 E
	Mi Tu Army Barracks and Supply (Hsin Cheng)	252050N - 1002900E
	Pi Tsun Army Barracks, North	2324 N - 11309 E
	Ping Hsiang Ordnance Depot	2205 N - 10645 E
	Po Hsi Chieh Army Barracks (Pan Chi)	2415 N - 10303 E
	Pu Erh Mil Barracks (Ning Erh)	2305 N - 10103 E
	Pu Ning Army Barracks	2324 N - 11610 E
	Shan Tou Army Barracks, Lien Tang	232612N - 1163512E
	Shang Lo Tsun Supply Depot and Barracks Area	2302 N - 11420 E
	Shu Chang Supply Depot (Hai Kou)	2001 N - 11018 E
	Shuang Chiang Army Barracks	2333 N - 09945 E
	Ssu Mao Military Area	2247 N - 10058 E
	Ta Li Hq 14th Army	2542 N - 10009 E
	Tang Chia Mil. Installation (Chung Shan)	2222 N - 11336 E
	Teng Chung Army Barracks, West	250220N - 0982900E
	Tsao Wu Storage Area	2431 N - 11337 E
	Wang Tai Munitions Storage	263612N - 1175910E
	Yung Ping Military Area	2524 N - 09936 E
	Ha Giang Military Installation	224958N - 1045920E
	Than Uyen Military Area	220000N - 1035500E
	Than Uyen Military Area, East	2205 N - 10352 E
	Van Hai Army Barracks	213400N - 1045200E
	Wen Shan Army Bks, West	232210N - 1041430E
	Ho Kou Military Camp	2232 N - 10357 E
	Chiu Weng Yuang Army Barracks NE	242340N - 1135100E
	Chiu Weng Yuang Army Bks SW	2419 N - 11343 E
	I Chun Probable Mil. Bks Area	2748 N - 11424 E
	Chu Tien Mil Installation	2718 N - 09936 E
	Lao Chang Poss Mil Areas	2244 N - 09945 E
	Fan Cheng Army Bks	2146 N - 10821 E
	Yen Shan Mil Bks and Storage Area	2336 N - 10419 E

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<u>COMOR No.</u>	<u>Target Name</u>	<u>Coordinates</u>
	Lung Tang Army Bks, Tien Tun Yuan	1923 N - 11013 E
	Hai Feng Area, Military Complex	2303 N - 11525 E
	Lang Son Military Complex	215050N - 1064525E
	Loc Binh Army Supply Depot	214440N - 1065605E
	Thai Nguyen Army Supply Depot North	213835N - 1055110E
	Bac Kan Military Area	220900N - 1055000E
	Phu Lang Thuong Military Area	211625N - 1061155E
	Tien Yang Poss Mil Installation	2344 N - 10653 E
	Niu Wo Pai Motor Parks	2334 N - 10317 E
	Tsa Ti Pao Road Improvement	2302 N - 10341 E
	Wu Pu Chieh Road Construction	2314 N - 10454 E
	Hanoi Lao Cai RR, Segment 2	220000N - 1043300E
	Hanoi Lao Cai RR, Segment 1	222000N - 1041000E
	Hanoi Lao Cai RR, Segment 3	214000N - 1045600E
	Hanoi Ping Hsiang RR, Segment 2	213200N - 1062700E
	Hanoi Ping Hsiang RR, Segment 1	215400N - 1064400E
	Hanoi Ping Hsiang RR, Segment 3	211000N - 1060400E
	Hanoi Lao Cai RR, Segment 4	2120 N - 10520 E
	Hanoi Lao Cai RR, Segment 5	2110 N - 10548 E
	Ssu Mao to Meng Tzu Road U/C	2256 N - 10215 E
	Kep to Than Nguyen RR, U/C	2131 N - 10607 E
	Hanoi Ping Hsiang Railroad, Segment 4	2203 N - 10644 E
	Nan Ning Complex	2249 N - 10819 E
	Kun Ming Complex	2504 N - 10241 E
	Kuang Chou Complex (Canton)	2307 N - 11315 E
	Ping Hsiang Complex	2207 N - 10646 E
	Dong Dang Complex	215600N - 1064200E
	Phu Lang Thuong Complex	211600N - 1061200E
	Cao Bang Complex	224000N - 1061600E
	Lang Son Complex	2151 N - 10645 E
	Mon Cay Complex	2132 N - 10759 E
	Liu Chou Complex	2418 N - 10924 E
	Shan Tou Complex (Swatow)	232156N - 1164040E
	Chan Chiang Complex	211159N - 1102350E
	Tien Yen Complex	2120 N - 10724 E
	Binh Lu Complex	2219 N - 10337 E
	Lao Kay Railroad Yard	223017N - 1035818E
	Heng Hsien HPP Lock and Dam	223855N - 1091440E

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